

ECS Configuration Change Request

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1. Originator Jim Mather	2. Log Date: 11/30/98	3. CCR #: 98-1230	4. Rev: —	5. Tel: 301-9250435	6. Off: 2107a	7. Org. sed
8. Title of Change: Technical Directive - Disk Partition Interrogation Scripts						
9. Originator Signature <i>Jim Mather</i>	10. Date: 11/30/98	11. Class II	12. Type: CCR	13. Need Date: 11/30/98		
14. Office Manager Signature <i>Karen Hillman</i>	15. Date: 11/25/98	16. Date CCB Decision Needed: 11/30/98	17. Category of Change: Other	18. Priority: Routine		
19. Documentation/Drawings Impacted: none		20. Schedule Impact: none		21. CI(s) Affected: none if COTS baseline is up to date, must have EXPECT configured on all machines under ECS baseline control		
22. Release Affected: na		23. Date due to Customer: 11/30/98	24. Impl. Date: 11/30/98	25. Effectivity of Change: immed	26. Est. Cost None	
27. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other:						
28. Description of Change: (use additional Sheets if necessary) In lieu of having root access, Systems Engineering will create scripts to perform the root level auditing and provide these scripts to the DAAC system administrators. These scripts will be run on all machines that require disk configuration management. These scripts will be run on SGI, HP, and SUN platforms and require EXPECT to be properly configured on these machines. Currently, only the SGI's have EXPECT properly configured. The DAAC's must ensure that EXPECT can run on the machines under ECS baseline control.						
29. Proposed Solution: (use additional sheets if necessary) The DAAC's will have EXPECT properly configured on the machines under ECS baseline control. Systems Engineering will notify and deliver the scripts to the DAAC's. The DAAC's will validate then execute these scripts on a mutually agreed upon schedule.						
30. Alternate Solution: (use additional sheets if necessary) Provide Systems Engineering / Cm ROOT(sudo) access.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) System Engineering cannot manage current and plan for future Disk Space requirements.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input checked="" type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input checked="" type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:					36. Work Assigned To:	
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>Mac McDonald 12/2/98</i>		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

ORIGINAL

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Subject: Disk Partition Configuration Management

12/01/98

The following directive is issued to all DAACS and labs (VATC, Mini DAAC).

Issue:

Maintaining control over disk space utilization at the DAAC's. Without root/sudo access to the deployed systems, system engineering cannot manage current and plan for future disk space requirements. The DAAC's have a policy, which is; not to grant root privileges to outside entities. Root access is necessary to execute the various commands, which provide the disk configuration information.

Fix:

In lieu of having root access, Systems Engineering will create scripts to perform the root level auditing and provide these scripts to the DAAC system administrators. These scripts will be run on all machines that require disk configuration management. These scripts will be run on SGI, HP, and SUN platforms and require EXPECT to be properly configured on these machines. Currently, only the SGI's have EXPECT properly configured. The DAAC's must ensure that EXPECT can run on the machines under ECS baseline control.

Testing:

Systems Engineering will validate these scripts on similar machines at EDF before sending them to the DAAC's.

Implementation:

The DAAC's will have EXPECT properly configured on the machines under ECS baseline control. Systems Engineering will notify and deliver the scripts to the DAAC's. The DAAC's will validate then execute these scripts on a mutually agreed upon schedule.

Point of Contact:

Randy Bollinger ex 301-925-0549

Approved By:

J. Guzek

Rel2 CCB Chairman

Mac McDonald 12/2/98

Reference CCR: 98-1230

-----End of Directive-----

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